

Central Briefing Office



A CBO (**Central Briefing Office**) system provides Aeronautical Information Services (AIS) from a centralized (possibly redundant) location: this service is provided to flight crew by collecting, disseminating and updating information from and to the whole country, wherever it is required. The benefits are:

- Concentration of facilities and allocated staff
- Reduction of ATS Reporting Offices (ARO)
- Significant saving of associated costs

Flight crews receive appropriate flight documentation, prepared in accordance to the Flight Plan (FPL). Such documentation also includes NOTAMs and SNOWTAMs (presented as PIBs - Pre-flight Information Bulletins), operative information, regarding significant elements to pay attention to along the assigned flight route, as well as meteorological data, including weather bulletins and warnings, forecast charts, winds and temperatures at different altitudes.

CBO800 is the solution proposed by SITTI for the provision of centralized regional and national Central Briefing Office services (CBO), through a highly automated system that optimizes the management of aeronautical information and ensures it is available in the most updated and appropriate format to all interested parties. It is fully integrated with SITTI MULTIFONO® VCS (Voice Communication System).

Ordinary ARO (ATS Reporting Offices) services are usually located close to airports to provide their informative service to pilots, airport operators and handlers. Such distributed organization results being expensive and often difficult to manage. Centralisation of ARO services to a (possibly redundant) Central Briefing Office (CBO) meets the requirements of the air navigation community to have immediate and reliable access to information and communication among operators.



CBO800 aims at giving the implementing ANSP the following advantages:

- Full use of the MULTIFONO® voice communication features
- Integrated service information provision
- Extended service availability
- Higher efficiency
- Significant cost reduction
- Workflow optimisation
- Customer oriented services
- Latest technological solutions



In critical situations

CBO800 manages critical situations (contingency) by duplicating connections, thus allowing a CBO site to take over the functions normally operated by the other one to cope with emergency cases and allow uninterrupted services.

Working positions

CBO800 operators utilize highly ergonomic integrated working positions, where multiple coordinated screens give access to a multitude of applications and information details, in order to integrate many services, among which:

- Voice communication
- Flight Plans (FPL) validation and monitoring
- Pre-Flight documentation
- IFPS messaging (Initial Flight Plan Processing System)
- NOTAM and SNOWTAM dissemination
- ARO services to other ANSPs
- ARO services to airport stakeholders
- Centralised data management
- Concurrent activities coordination
- AFTN and AMHS messaging
- Weather meteorological information distribution
- Aeronautical messages handling and dispatching

The Network

CBO800 can be connected to the public telephone network to allow additional connecting functions; this can also be integrated with a server database containing the description of calling users, to allow local operator to more easily interact with them, and also send FAX, SMS, EMAIL messages.

// Main Features

Full voice communication facilities

Ergonomic working positions

Redundant implementation for resilience purposes (contingency)

Performance statistics

Activity logging

GPS synchronization

Duplicated power supply

Voice and event recording

Videowall system for increasing situational awareness

Contingency management

